

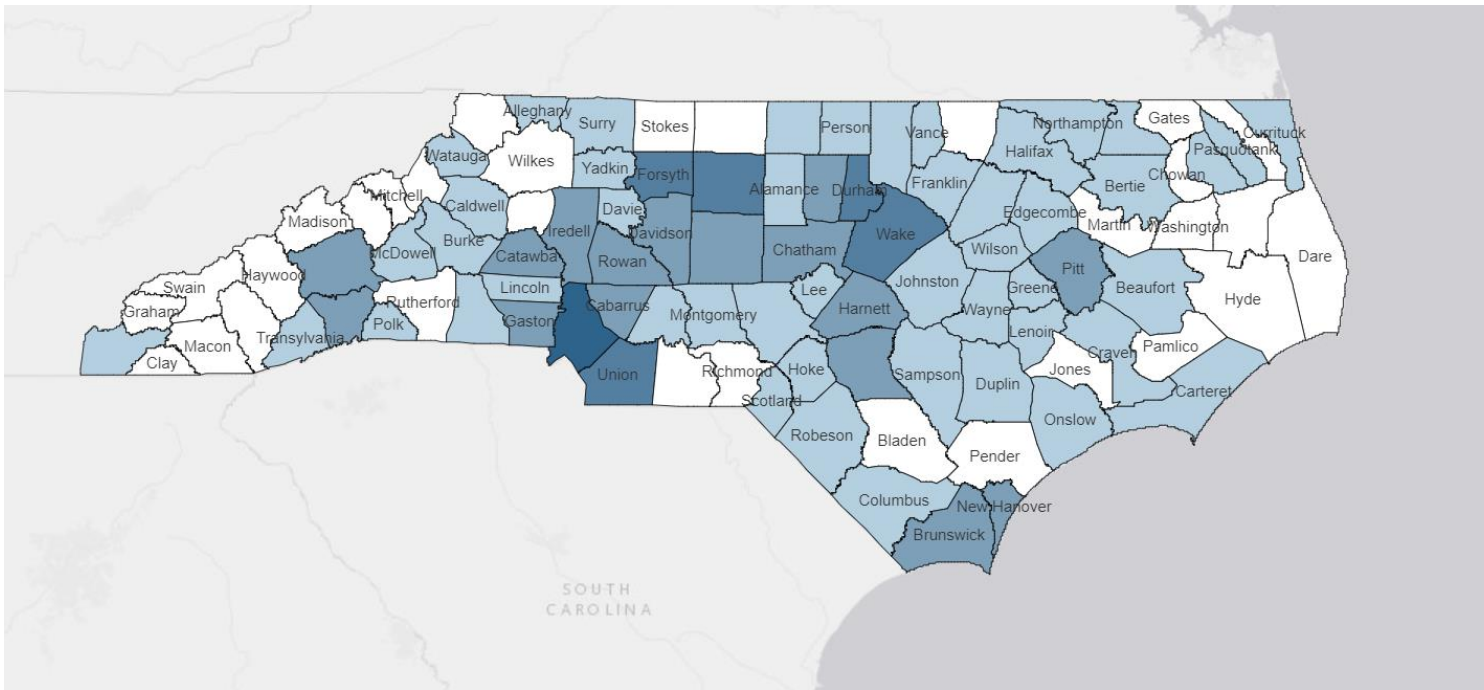
COVID-19: Surveillance Overview

Example Only, Not Current Numbers: Laboratory-Confirmed Case Counts

NC Cases*	NC Deaths**	NC Completed Tests***	Currently Hospitalized
1,040	4	18,945	91

- * This number reflects cases that were tested and returned positive, including the NC State Laboratory of Public Health and all hospital and commercial labs. All data are preliminary. Not all cases of COVID-19 are tested, so this does not represent the total number of people in North Carolina who have or had COVID-19.
- ** This number reflects deaths reported to public health in persons with laboratory-confirmed COVID-19. Deaths will be included in this count after confirmation by local public health departments.
- *** This number reflects testing completed by the NC State Laboratory of Public Health and reporting hospital and commercial laboratories.

Example Only, Not Current Numbers: Laboratory-Confirmed Cases by County



*** Numbers may changes as residence is verified. Updated March 29, 2020.**

Example Only, Not Current Numbers: Lab-Confirmed Cases: Demographics

Age Group	Percent of Cases*	Percent of Death*
0-17	1%	
18-24	12%	
25-49	46%	25%
50-64	24%	
65+	16%	75%

* All data are preliminary and subject to change as cases are investigated (posted March 29, 2020)

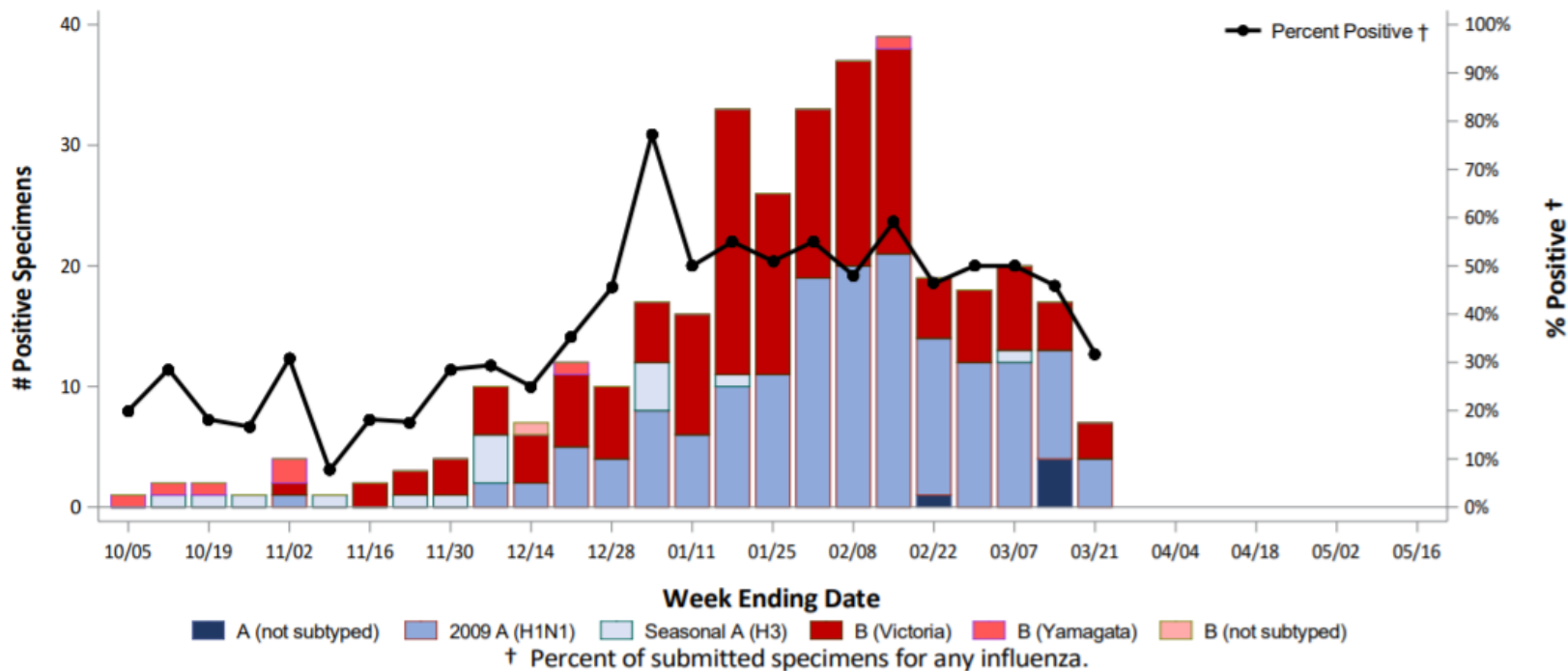
Example Only, Not Current Numbers: Lab-Confirmed Cases: Demographics

Gender	Percent of Cases*	Percent of Deaths*
Male	51%	75%
Female	47%	25%
Unknown	1%	

*All data is preliminary and may change as cases are investigated.

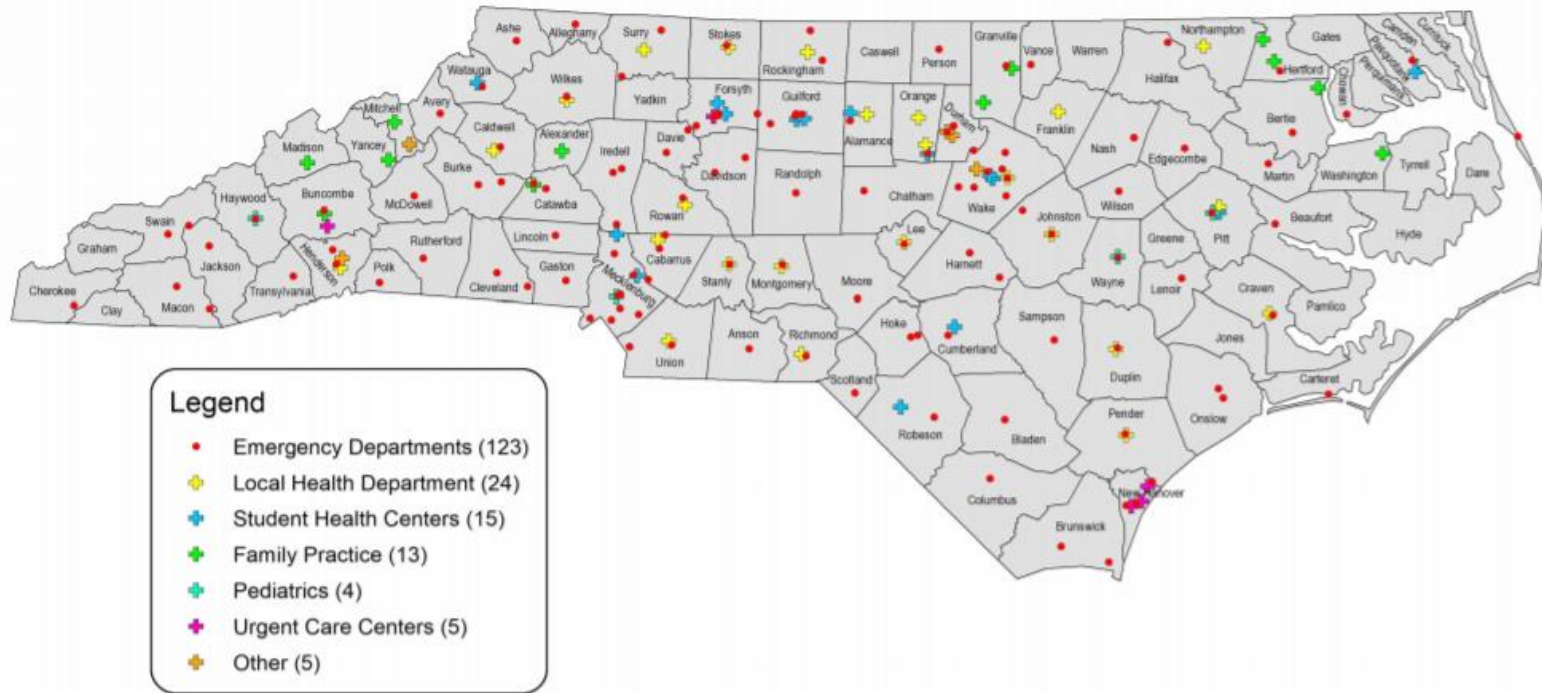
Laboratory Testing: Influenza Example

Influenza Positive Tests Reported by the NC State Laboratory of Public Health (SLPH)

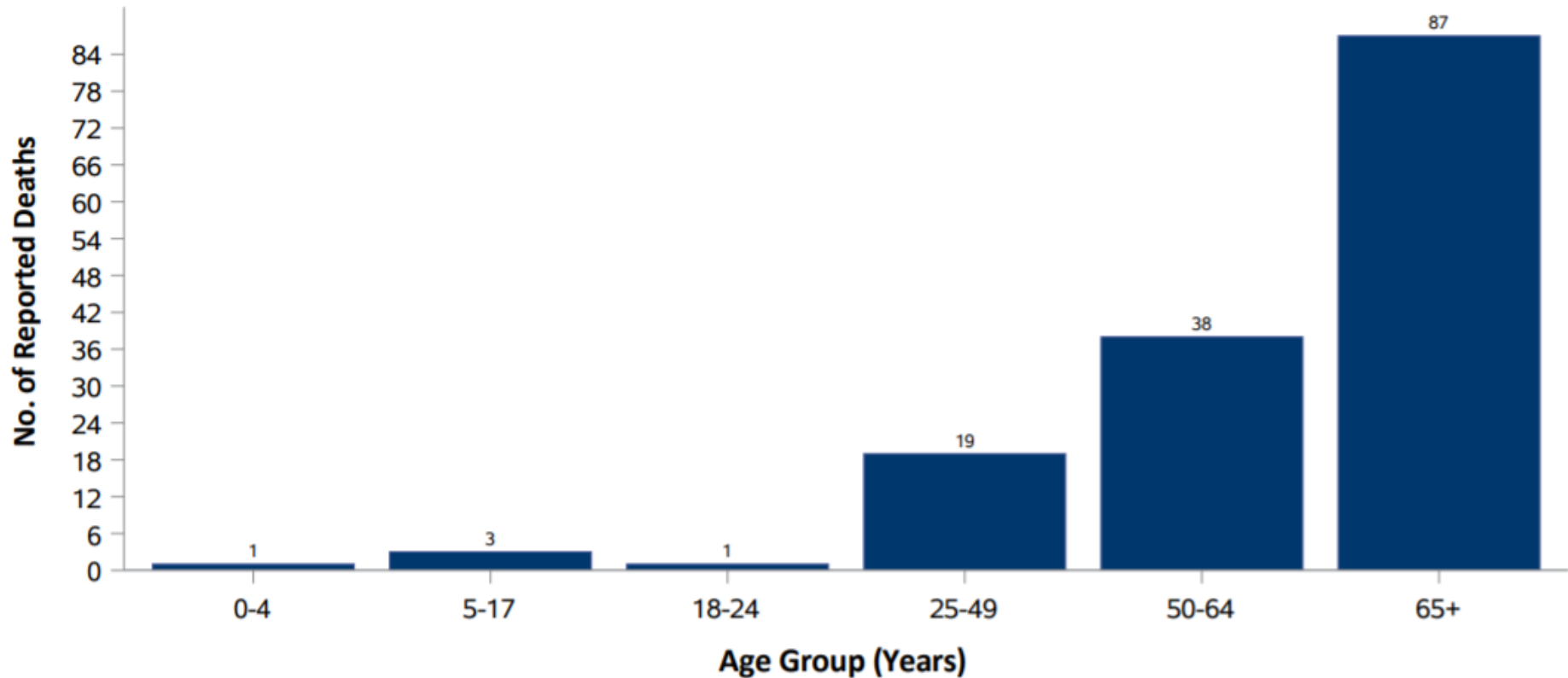


Influenza-Like Illness (ILI) Network

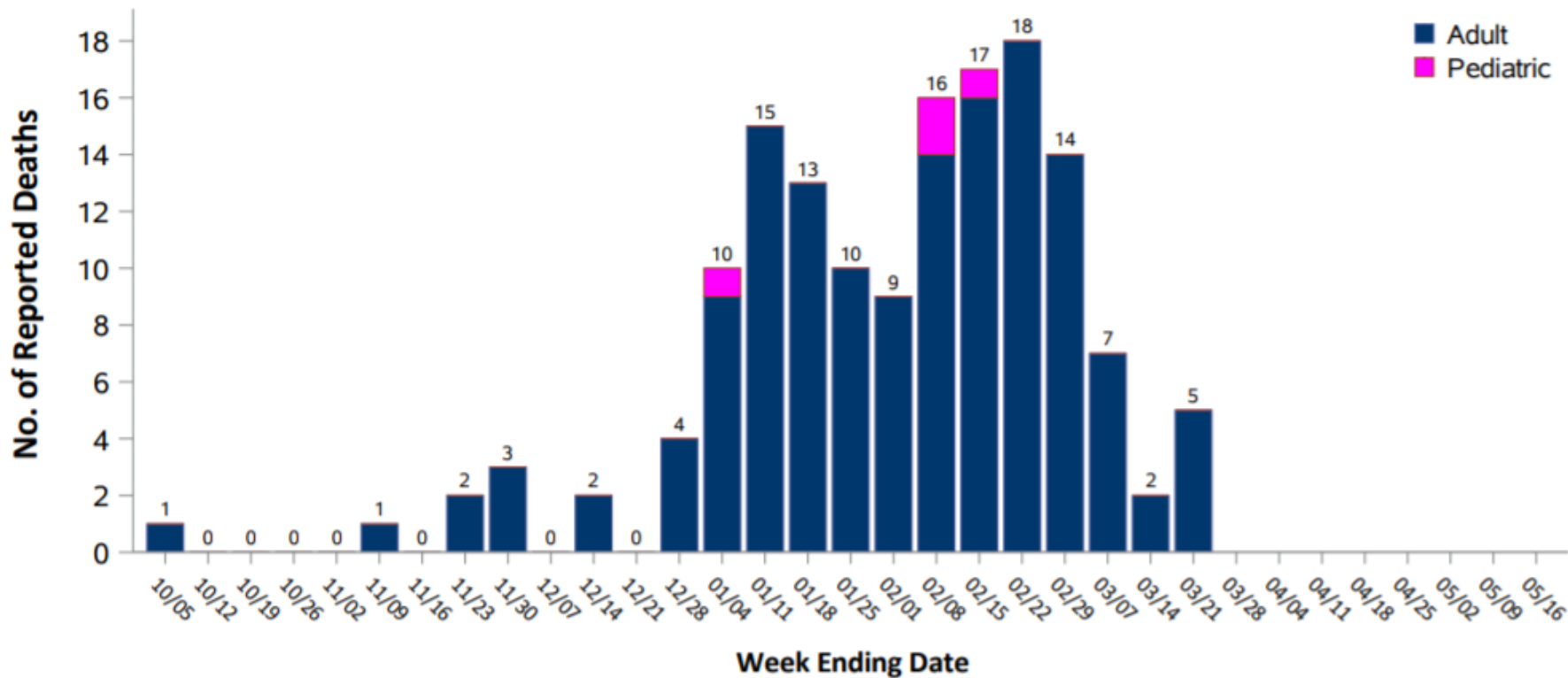
ILI Network Provider Locations, NC 2019-2020



Death Reporting: Influenza Example

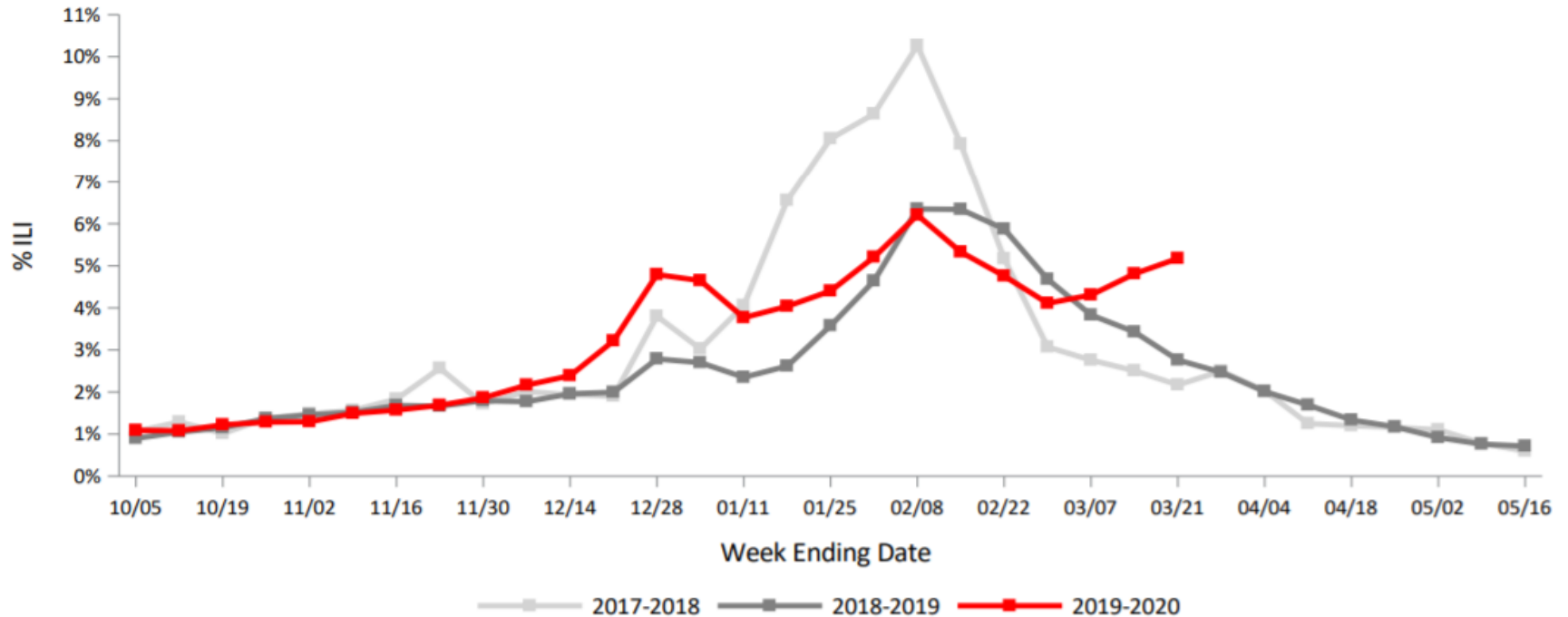


Death Reporting: Influenza Example



Syndromic Surveillance

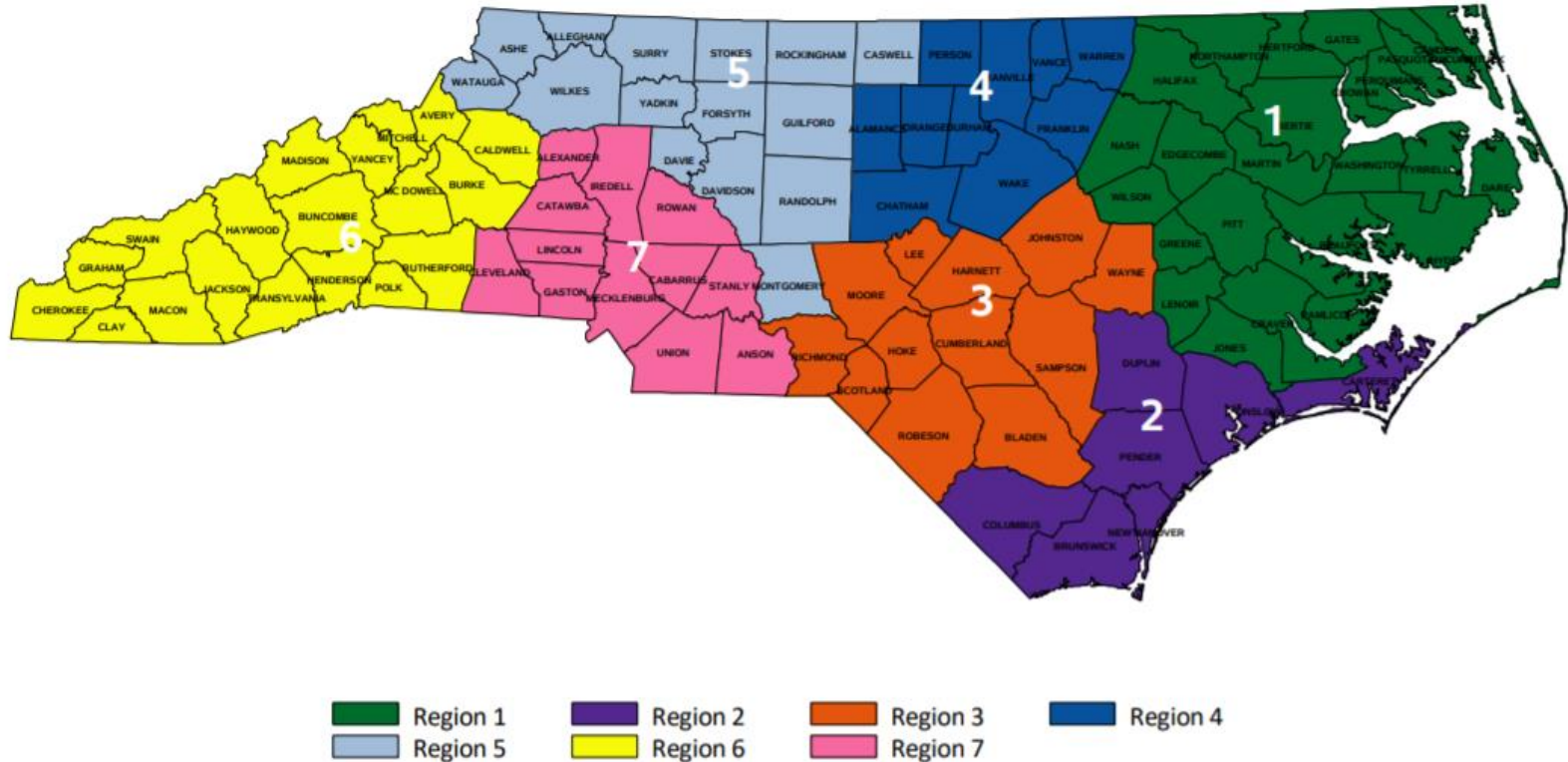
Influenza-Like Illness in North Carolina



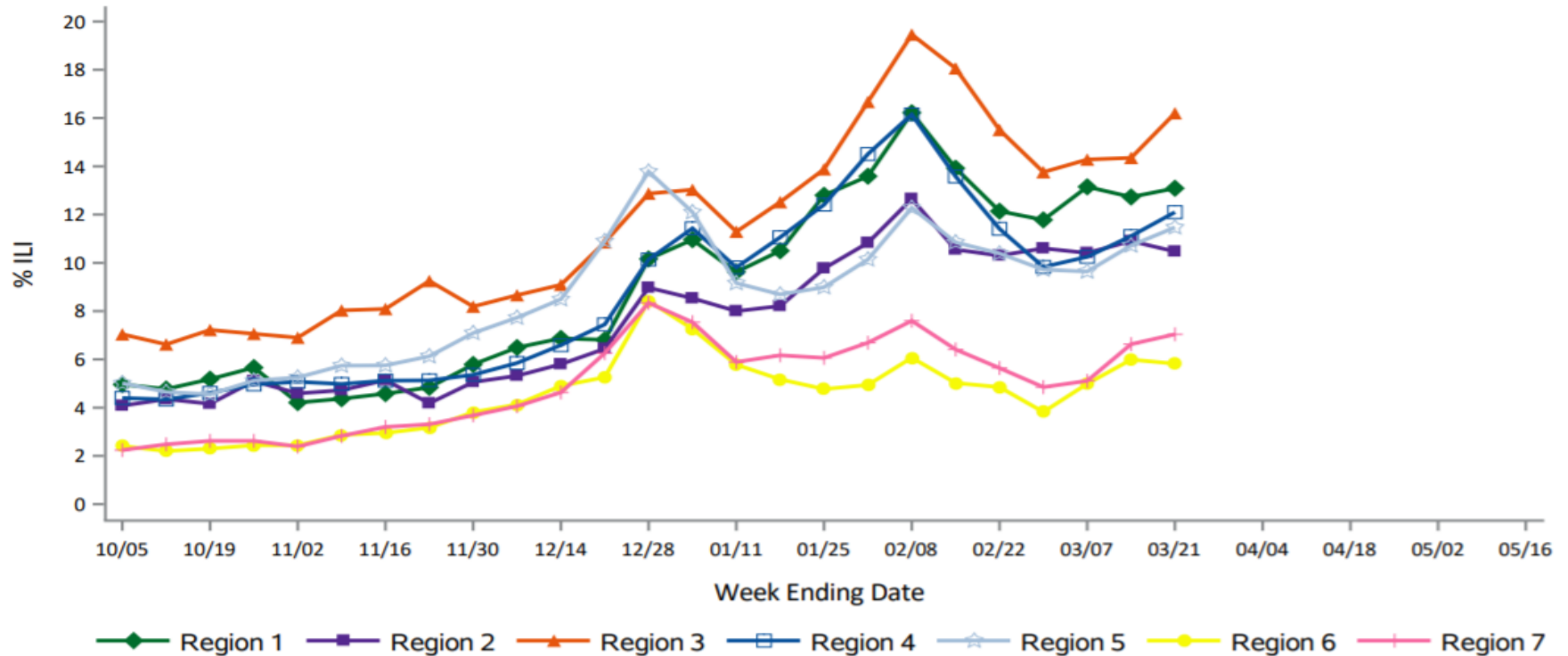
*For more information about national data visit <https://www.cdc.gov/flu/weekly/index.htm>.

ILINet has now expanded to include emergency department data that were previously reported separately.

North Carolina Flu Surveillance Regions

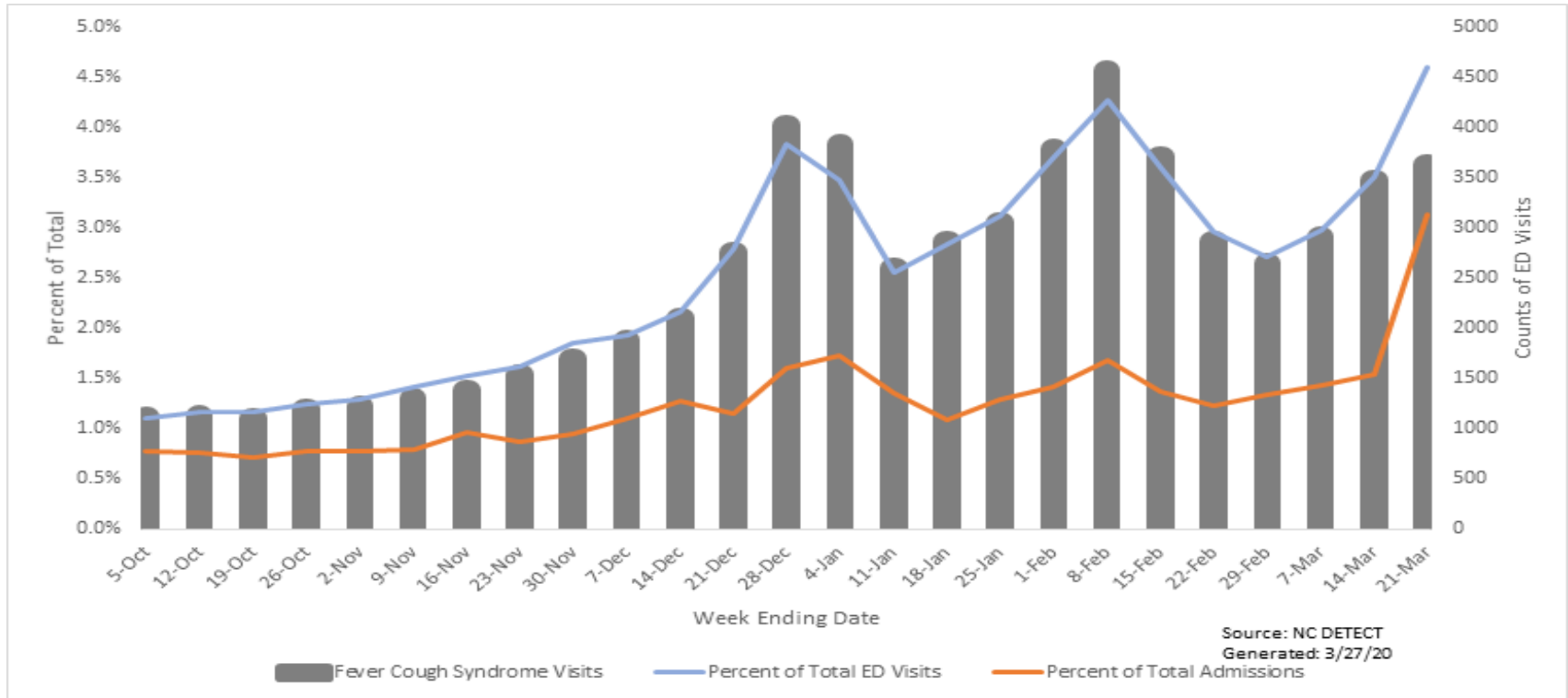


Influenza-Like Illness in NC Surveillance Regions

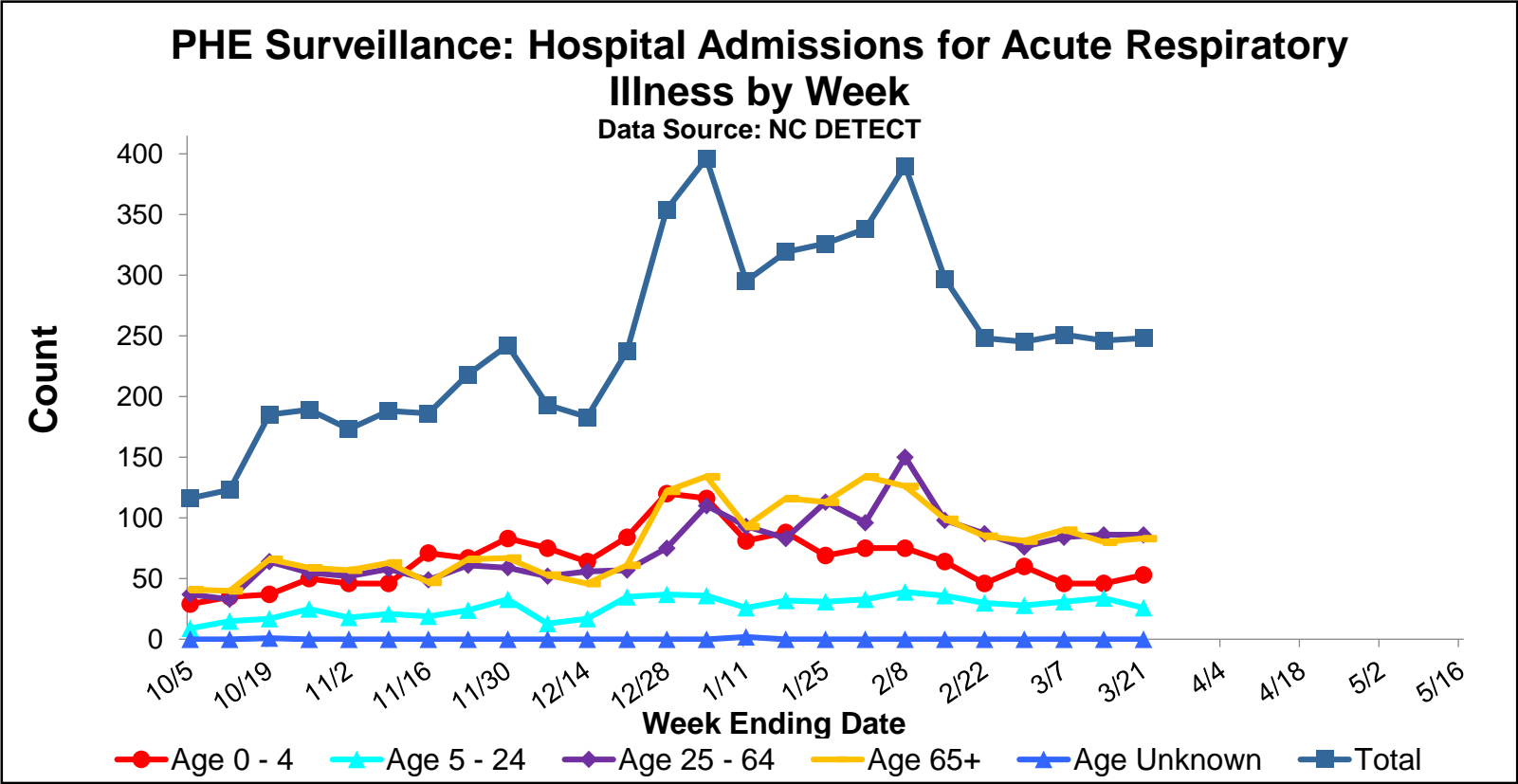


*This graph begins with data starting week ending October 5, 2019 for the 2019-2020 influenza season.

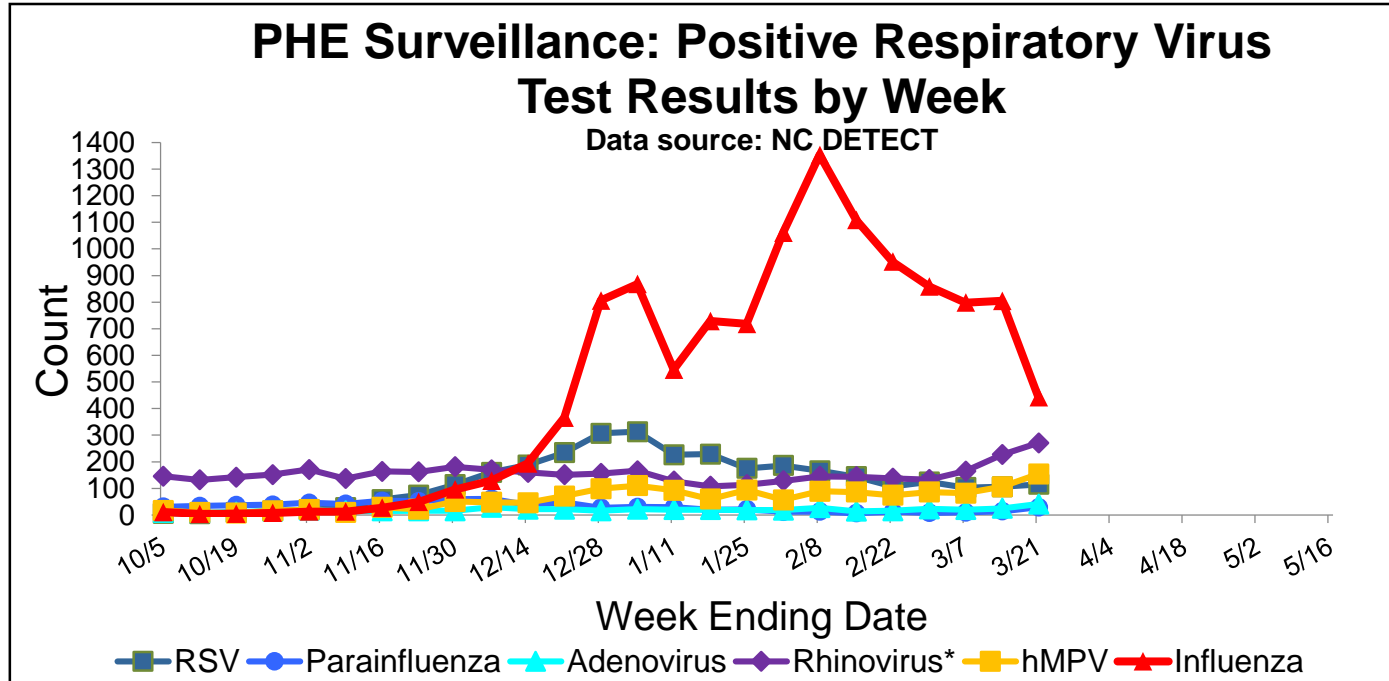
ED Visits for Fever Cough Syndrome



Other Data Sources: Hospital Admissions

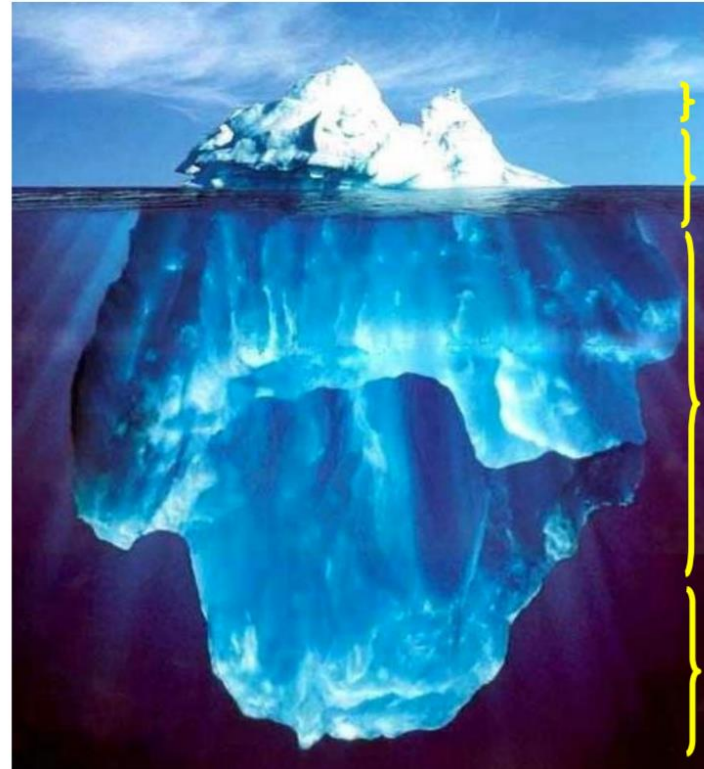


Other Data Sources: Other Respiratory Viruses



Knowledge Gaps

- Existing tools allow us to track trends
- Learning more about proportion of COVID-19 cases that don't seek medical care or have mild/subclinical infection
- These studies will help interpret surveillance data and understand total burden of infection



Hospitalization

Outpatient visits

Not medically attended

Subclinical